

guiding the X-rays, which emerge from said tooth and its surrounding area, in substantially cylindrical rods substantially along the axis of said rods,

transforming the X-rays, when they are guided in said cylindrical rods,

into light rays of a greater wavelength than that of the X-rays,

guiding said light rays into a bundle of optical fibres,

converting these light rays into electrical signals, and

processing these electrical signals to produce said radiographic image.

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